Almer Casile

From: Yehle, Ray [safety@best-bath.com]

Sent: Wednesday, May 24, 2006 3:51 PM

To: Almer Casile

Subject: RE: Periodic Compliance Certification & Semiannual Monitoring Reports

You're exactly right. I was reading thru the Mact and got a little confused with the dates, but it seems that the formatting hasn't changed.

Ray

----Original Message----

From: Almer.Casile@deq.idaho.gov [mailto:Almer.Casile@deq.idaho.gov]

Sent: Tuesday, May 23, 2006 12:37 PM

To: Yehle, Ray

Subject: RE: Periodic Compliance Certification & Semiannual Monitoring Reports

I think you mean the following:

- 21. The permittee shall submit compliance certifications during the term of the permit for each emissions unit to DEQ and the EPA as follows:
 - a. The compliance certifications for all emissions units shall be from June 7 to June 6 and submitted annually on July 7, or more frequently, if specified by the underlying applicable requirement or elsewhere in this permit by DEQ.

This allows you to compile a years worth of data and accounts for the lag time in data collection associated with end of month reporting.

Semiannual Monitoring Reports

24. In addition to all applicable reporting requirements identified in this permit, the permittee shall submit reports of any required monitoring at least every six months. The permittee's semiannual reporting periods shall be from January 2 to June 2 and June 3 to January 1. All instances of deviations from this operating permit's requirements must be clearly identified in the report. The semiannual reports shall be submitted to DEQ within 30 days of the end of the specified reporting period.

[IDAPA 58.02.02.322.15.q, 3/23/98; IDAPA 58.02.02.322.08.c, 4/5/00; 40 CFR 70.6(a)(3)(iii)]

This takes into account your requested dates. I couldn't quite understand what you wanted with the data you submitted because the dates jumped around.

If this is not the dates you were requesting, please contact me. I will follow up with a phone call to confirm that you received this email.

Almer Casile
Permit Writer
Dept. of Environment Quality
1410 N. Hilton St.
Boise, ID 83706-1255
P: (208) 373-0216
F: (208) 373-0340

From: Yehle, Ray [mailto:safety@best-bath.com]

Sent: Tuesday, May 23, 2006 9:03 AM

To: Almer Casile

Subject: RE: Periodic Compliance Certification & Semiannual Monitoring Reports

- 21. 6/06-6/07...and continue annually starting with the month of June.
- 22. In the order of your paragraph, these dates as follows: 1/2-6/2; 3/1-9/1; 6/1-12/1; 8/1-2/1..

Any questions please give me a call or email, sorry for the delay.

Ray

----Original Message----

From: Almer.Casile@deq.idaho.gov [mailto:Almer.Casile@deq.idaho.gov]

Sent: Wednesday, May 10, 2006 12:46 PM

To: Yehle, Ray

Subject: Periodic Compliance Certification & Semiannual Monitoring Reports

Ray,

Would you please fill in the dates for the following so I can send you a draft Tier I operating permit for your Boise plant:

Periodic Compliance Certification

- 21. The permittee shall submit compliance certifications during the term of the permit for each emissions unit to DEQ and the EPA as follows:
 - a. The compliance certifications for all emissions units shall be submitted annually from DATE TO DATE or more frequently if specified by the underlying applicable requirement or elsewhere in this permit by DEQ.

Semiannual Monitoring Reports

In addition to all applicable reporting requirements identified in this permit, the permittee shall submit reports of any required monitoring at least every six months. The permittee's semiannual reporting periods shall be from [INSERT MONTH & DAY] to [INSERT MONTH & DAY] to [INSERT MONTH & DAY] to [INSERT MONTH & DAY]. All instances of deviations from this operating permit's requirements must be clearly identified in the report. The semiannual reports shall be submitted to DEQ within 30 days of the end of the specified reporting period.

[IDAPA 58.02.02.322.15.q, 3/23/98; IDAPA 58.02.02.322.08.c, 4/5/00; 40 CFR 70.6(a)(3)(iii)]

Please contact me if you have any questions.

Almer Casile Permit Writer Dept. of Environment Quality 1410 N. Hilton St. Boise, ID 83706-1255 P: (208) 373-0216 F: (208) 373-0340

Almer Casile

From: Yehle, Ray [safety@best-bath.com]

Sent: Thursday, October 27, 2005 8:20 AM

To: Almer Casile

Subject: RE: Subpart WWWW

These procedures will be the same for both facilities; they are:

Open molding, polymer casting, mixing, cleaning of equipment used in reinforced plastic composites manufacture, HAP- containing materials storage, and repair operations on parts you also manufacture.

----Original Message-----

From: Almer.Casile@deq.idaho.gov [mailto:Almer.Casile@deq.idaho.gov]

Sent: Wednesday, October 26, 2005 11:05 AM

To: Yehle, Ray

Subject: RE: Subpart WWWW

Which parts of (b) do you do? That is which of the following occur, or will occur at the Kuna plant? Also, provide another list for things that occur at the Boise plant.

Open molding, closed molding, centrifugal casting, continuous lamination, continuous casting, polymer casting, pultrusion, sheet molding compound (SMC) manufacturing, bulk molding compound (BMC) manufacturing, mixing, cleaning of equipment used in reinforced plastic composites manufacture, HAP-containing materials storage, and repair operations on parts you also manufacture

Please call me if you have any questions.

Almer Casile Permit Writer Dept. of Environment Quality 1410 N. Hilton St. Boise, ID 83706-1255 P: (208) 373-0216 F: (208) 373-0340

From: Yehle, Ray [mailto:safety@best-bath.com] Sent: Wednesday, October 26, 2005 11:00 AM

To: Almer Casile

Subject: RE: Subpart WWWW

For the 1st question subpart (B) would apply to our facility. The 2nd question (c. i) would apply to our facility.

Thanks

Ray

----Original Message----

From: Almer.Casile@deq.idaho.gov [mailto:Almer.Casile@deq.idaho.gov]

Sent: Monday, October 24, 2005 3:06 PM

To: Yehle, Ray

Subject: Subpart WWWW

Rav.

Would you please answer the following questions?

Question #1)

§ 63.5790 What parts of you plant does this subpart cover? (Please list each operation at your plant that Subpart WWWW applies to.)

(a) This subpart applies to each new or existing affected source at reinforced plastic composites production facilities.

- (b) The affected source consists of all parts of your facility engaged in the following operations: Open molding, closed molding, centrifugal casting, continuous lamination, continuous casting, polymer casting, pultrusion, sheet molding compound (SMC) manufacturing, bulk molding compound (BMC) manufacturing, mixing, cleaning of equipment used in reinforced plastic composites manufacture, HAP-containing materials storage, and repair operations on parts you also manufacture.
- (c) The following operations are specifically excluded from any requirements in this subpart: application of mold sealing and release agents; mold stripping and cleaning; repair of parts that you did not manufacture, including non-routine manufacturing of parts; personal activities that are not part of the manufacturing operations (such as hobby shops on military bases); prepreg materials as defined in §63.5935; non-gel coat surface coatings; application of putties, polyputties, and adhesives; repair or production materials that do not contain resin or gel coat; research and development operations as defined in section 112(c)(7) of the CAA; polymer casting; and closed molding operations (except for compression/injection molding). Note that the exclusion of certain operations from any requirements applies only to operations specifically listed in this paragraph. The requirements for any co-located operations still apply.
- (d) Production resins that must meet military specifications are allowed to meet the organic HAP limit contained in that specification. In order for this exemption to be used, you must supply to the permitting authority the specifications certified as accurate by the military procurement officer, and those specifications must state a requirement for a specific resin, or a specific resin HAP content. Production resins for which this exemption is used must be applied with nonatomizing resin application equipment unless you can demonstrate this is infeasible. You must keep a record of the resins for which you are using this exemption.

Question #2

In accordance with Table 1 of 40 CFR 63, Subpart WWWW (located at the following website:

http://ecfr.gpoaccess.gov/cgi/t/text/text-idx?c=ecfr;sid=97def15c225a31aa32c75219e8fb5ecd;rgn=div2;view=text;node=20050825%3A1.47;idno=40;cc=ecfr;start=1;size=25)

which organic HAP emission factors apply to you?

I'll have more questions after you answer these two. Thanks for you assistance in this matter.

Almer Casile
Permit Writer
Dept. of Environment Quality
1410 N. Hilton St.
Boise, ID 83706-1255
P: (208) 373-0216
F: (208) 373-0340

Almer Casile

From: Yehle, Ray [safety@best-bath.com]

Sent: Wednesday, November 30, 2005 3:39 PM

To: Almer Casile

Subject: RE: More questions

Al, I have all my answers in red. If you have any questions give me a call or email.

Ray

----Original Message----

From: Almer.Casile@deq.idaho.gov [mailto:Almer.Casile@deq.idaho.gov]

Sent: Tuesday, November 22, 2005 3:55 PM

To: Yehle, Ray

Cc: Almer.Casile@deq.idaho.gov

Subject: More questions

Ray, please answer the following questions for me:

1. Does the facility manufacture large open molded parts? no

A large open molding part is defined as a part that, when the final finished part is enclosed in the smallest rectangular six-sided box into which the part can fit, the total interior volume of the box exceeds 250 cubic feet, or any interior sides of the box exceed 50 square feet.

- 2. Which operation type listed below applies to the facility? 2-6 apply; 1,7-10 doesn't.
 - 2. (c) applies
 - 3. (b) applies
 - 4. (c) applies
 - 5. (c) applies
 - 6. (a,b,c) applies

Table 3 to Subpart WWWW of Part 63._Organic HAP Emissions Limits for Specific Open Molding, Centrifugal Casting, Pultrusion and Continuous Lamination/Casting Operations

If your operation type is	And you use	\1\ Your organic HAP emissions limit is
 open molding_corrosion- resistant and/or high strength (CR/HS). 	a. mechanical resin application.b. filament application.c. manual resin application.	
2. open molding_non-CR/HS	a. mechanical resin application.b. filament application.c. manual resin application.	88 lb/ton. 188 lb/ton. 87 lb/ton.
3. open molding_tooling	a. mechanical	254 lb/ton.

resin application. 157 lb/ton. b. manual resin application. ______

4. open molding low-flame spread/ a. mechanical 497 lb/ton. resin application. 270 lb/ton. low-smoke products. b. filament 238 lb/ton. application. c. manual resin application. _____ a. mechanical 354 lb/ton. resin application. 215 lb/ton. 5. open molding shrinkage controlled resins \2\. b. filament 180 lb/ton. application. c. manual resin application. ______ 6. open molding_gel coat \3\.... a. tooling gel 440 lb/ton. coating. 267 lb/ton. b. white/off white 377 lb/ton. coating. 854 lb/com.
c. all other 522 lb/ton. pigmented gel 605 lb/ton. coating. d. CR/HS or high performance gel e. fire retardant gel coat. f. clear production gel coat. _____ 7. centrifugal casting_CR/HS.... a. resin 25 lb/ton.\4\ application with NA this is the mold closed, considered to be and the mold is a closed molding vented during operation. spinning and cure. 25 lb/ton.\4\ b. resin Use the application with appropriate open the mold closed, molding emission and the mold is limit.\5\ and the mold is not vented during spinning and cure. c. resin application with the mold open, and the mold is vented during spinning and cure. d. resin application with the mold open, and the mold is not vented during spinning and cure.

- 8. centrifugal casting non-CR/HS a. resin 20 lb/ton.\4\
 - application with NA_this is

the mold closed, considered to be and the mold is a closed molding vented during operation.

spinning and cure. 20 lb/ton.\4\ b. resin Use the application with appropriate open the mold closed, molding emission and mold is not vented during the spinning and cure. c. resin application with the mold open, and the mold is vented during spinning and cure. d. resin application with the mold open, and the mold is

not vented during spinning and cure. limit.\5\

9. pultrusion \6\..... N/A.... reduce total organic HAP emissions by at least 60 weight percent. _____ 10. continuous lamination/ N/A..... reduce total organic HAP casting. emissions by at least 58.5 weight percent or not exceed an organic HAP emissions limit of 15.7 lbs of organic HAP per ton of neat resin plus and neat gel coat plus.

\1\ Organic HAP emissions limits for open molding and centrifugal casting are expressed as 1b/ton. You must be at or below these values based on a 12-month rolling average.

\2\ This emission limit applies regardless of whether the shrinkage controlled resin is used as a production resin or a tooling resin.

- \3\ If you only apply gel coat with manual application, for compliance purposes treat the gel coat as if it were applied using atomized spray guns to determine both emission limits and emission factors. If you use multiple application methods and any portion of a specific gel coat is applied using nonatomized spray, you may use the nonatomized spray gel coat equation to calculate an emission factor for the manually applied portion of that gel coat. Otherwise, use the atomized spray gel coat application equation to calculate emission factors.
- \4\ For compliance purposes, calculate your emission factor using only the appropriate centrifugal casting equation in item 2 of Table 1 to this subpart, or a site specific emission factor for after the mold is closed as discussed in § 63.5796.
- \5\ Calculate your emission factor using the appropriate open molding covered cure emission factor in item 1 of Table 1 to this subpart, or a site specific emission factor as discussed in § 63.5796.
- \6\ Pultrusion machines that produce parts that meet the following criteria: 1,000 or more reinforcements or the glass equivalent of 1,000 ends of 113 yield roving or more; and have a cross sectional area of 60 square inches or more are not subject to this requirement. Their requirement is the work practice of air flow management which is

3. Is the repair work done at the facility involve/include the non-routine manufacture of individual components or parts intended to repair a larger item as defined above? None of the above apply

Almer Casile Permit Writer Dept. of Environment Quality 1410 N. Hilton St. Boise, ID 83706-1255 P: (208) 373-0216 F: (208) 373-0340

Almer Casile

From:

Yehle, Ray [safety@best-bath.com]

Sent:

Monday, January 16, 2006 9:57 AM

To:

Almer Casile

Subject: RE: More Questions

We will be in compliance with (d).

The Resins on Table 7 we will fall under will be:

4. part A

7.

Any questions let me know.

Ray

----Original Message----

From: Almer.Casile@deq.idaho.gov [mailto:Almer.Casile@deq.idaho.gov]

Sent: Wednesday, December 14, 2005 2:52 PM

To: Yehle, Ray

Subject: More Questions

Ray,

Does Best Bath plan on using the following:

- (d) Meet the organic HAP emissions limit for one application method and use the same resin(s) for all application methods of that resin type. This option is limited to resins of the same type. The resin types for which this option may be used are noncorrosion-resistant, corrosion-resistant and/or high strength, and tooling.
- (1) For any combination of manual resin application, mechanical resin application, filament application, or centrifugal casting, you may elect to meet the organic HAP emissions limit for any one of these application methods and use the same resin in all of the resin application methods listed in this paragraph (d)(1). Table 7 to this subpart presents the possible combinations based on a facility selecting the application process that results in the highest allowable organic HAP content resin. If the resin organic HAP content is below the applicable value shown in Table 7 to this subpart, the resin is in compliance.
- (2) You may also use a weighted average organic HAP content for each application method described in paragraph (d)(1) of this section. Calculate the weighted average organic HAP content monthly. Use Equation 2 in paragraph (b)(1) of this section except substitute organic HAP content for organic HAP emissions factor. You are in compliance if the weighted average organic HAP content based on the last 12 months of resin use is less than or equal to the applicable organic HAP contents in Table 7 to this subpart.
- (3) You may simultaneously use the averaging provisions in paragraph (b) or (c) of this section to demonstrate compliance for any operations and/or resins you do not include in your compliance demonstrations in paragraphs (d)(1) and (2) of this section. However, any resins for which you claim compliance under the option in paragraphs (d)(1) and (2) of this section may not be included in any of the averaging calculations described in paragraph (b) or (c) of this section.
- (4) You do not have to keep records of resin use for any of the individual resins where you demonstrate compliance under the option in paragraph (d)(1) of this section unless you elect to include that resin in the averaging calculations described in paragraph (d)(2) of this section.

Table 7

As specified in §63.5810(d), when electing to use the same resin(s) for multiple resin application methods, you may use any resin(s) with an organic HAP content less than or equal to the values shown in the following table, or any combination of resins whose weighted average organic HAP content based on a 12-month rolling average is less than

or equal to the values shown the following table:

Table 7_to Subpart WWWW of Part 63._Options Allowing Use of the Same Resin Across Different Operations That Use the Same Resin Type

If your facility has the following resin type and application method	The highest resin weight is* * * percent organic HAP content, or weighted average weight is percent organic HAP content, you can use for	
1. CR/HS resins, centrifugal casting 1 2.	a. CR/HS mechanical. \3\	48.0
casting 1 2.	b. CR/HS filament	48.0
	application. c. CR/HS manual	48.0
2. CR/HS resins, nonatomized	a. CR/HS filament	46.4
mechanical.	application. b. CR/HS manual	46.4
3. CR/HS resins, filament application.	CR/HS manual	42.0
4. non-CR/HS resins, filament	a. non-CR/HS \3\	45.0
application.	b. non-CR/HS manual.	45.0
	<pre>c. non-CR/HS centrifugal casting 1 2.</pre>	45.0
5. non-CR/HS resins, nonatomized	a. non-CR/HS manual.	38.5
mechanical.	<pre>b. non-CR/HS centrifugal casting 1 2.</pre>	38.5
6. non-CR/HS resins, centrifugal	non-CR/HS manual	37.5
casting 1 2. 7. tooling resins, nonatomized	tooling manual	91.4
mechanical. 8. tooling resins, manual	tooling atomized mechanical.	45.9

^{\1\} If the centrifugal casting operation blows heated air through the molds, then 95 percent capture and control must be used if the facility wishes to use this compliance option.

Thanks for your assistance.

Almer Casile Permit Writer Dept. of Environment Quality 1410 N. Hilton St. Boise, ID 83706-1255 P: (208) 373-0216 F: (208) 373-0340

^{\2\} If the centrifugal casting molds are not vented, the facility may treat the centrifugal casting operations as if they were vented if they wish to use this compliance option.

^{\3\} Nonatomized mechanical application must be used.



1410 North Hilton • Boise, Idaho 83706-1255 • (208) 373-0502

Dirk Kempthorne, Governor Toni Hardesty, Director

March 16, 2005

Certified Mail No. 7000 1670 0013 8128 9502

Ray Yehle Director of Regulatory Affairs 4545 Enterprise Boise, ID 83705

RE:

T1-040049, Fiberglass Systems,

Information Request for Tier I Operating Permit Application

Dear Mr. Yehle:

On December 22, 2004, The Department of Environmental Quality (DEQ) received Fiberglass Systems' Tier I operating permit application. It has been determined that additional information is needed to continue processing your application. In accordance with IDAPA 58.01.01.315.02, the following information needs to be submitted within 35 days after receiving this letter or by April 13, 2005, whichever is earlier. The reviewing and permitting process is ceased until the following information is received:

1. Compliance Certification

Provide a compliance certification regarding the compliance status of each emissions unit that:

- Identifies all applicable requirements affecting each emissions unit.
- Certifies the compliance status of each emissions unit with each of the applicable requirements.
- Provides a detailed description of the method(s) used for determining the
 compliance status of each emissions unit with each applicable requirement,
 including a description of any monitoring, recordkeeping, reporting and test
 methods that were used. Also provide a detailed description of the method(s)
 required for determining compliance.
- Certifies the compliance status of the emissions unit with any applicable enhanced monitoring requirements.
- Certifies the compliance status of the emissions unit with any applicable enhanced compliance certification requirements.

Fiberglass Systems, Boise Additional Info, March 16, 2005 Page 3

> Almer Casile, Permit Writer Bill Rogers, Permit Coordinator Source File Reading File



December 3, 2004

Mr. Dan Segaldo IDEQ 1410 N. Hilton Boise ID. 83706-1290

Enclosed is our permit to operate renewal. We hope that you will find that our application is complete to the best of our knowledge.

If you have any questions or request pertaining to the application, please feel free to call me at 342-6823 ext. 237.

Thank you,

Ray Yehle Director of Regulatory Affairs



AIR QUALITY OPERATING PERMIT APPLICATION FORMS



Prepared for:

Air Quality Permitted Facilities

By:

Idaho Division of Environmental Quality Air Quality Permitting Bureau Operating Permits Section

AECEIVED

DEC 2 2 2004

Department of Savinson (1994). Senso de la april.

SECTION 1: GENERAL INFORMATION

	FOR ALL THE
COMPANY & DIVISION NAME	FIBERGLASS SYSTEMS
STREET ADDRESS OR P.O. BOX	4545 ENTERPRISE
CITY	Boise
STATE ID ZIP	83705
PERSON TO CONTACT	RAY VEHLE
TITLE	DIRECTOR OF REGULATORY AFFAIRS
PHONE NUMBER	208-342-6823
EXACT PLANT LOCATION	LATITUDE 43°, 31', 41" LONGITUDE 116°, 11', 56"
GENERAL NATURE OF BUSINESS	MANUFACTURE FIBERGLASS TUBS & SHOWERS
NUMBER OF FULL-TIME EMPLOYEES	120
PROPERTY AREA (ACRES)	U.54 REASON FOR APPLICATION Z
	(1) Change of Owner or Location (2) Tier I Permit to Operate
	(3) Tier II Permit to Operate
DISTANCE TO NEAREST STATE BORDER (MILES)	70 miles appox.
PRIMARY SIC	SECONDARY SIC
PLANT LOCATION COUNTY	ADA ELEVATION (FT)
UTM ZONE	
UTM (X) COORDINATE (KM)	UTM (Y) COORDINATE (KM)
NAME OF FACILITIES List all facilities with the State that are under y	LOCATION OF OTHER FACILITIES our control or under common control and have emissions to the air. If none, so state.
# FIBERGLASS SUSTEMS	4545 ENTERPRISE BOISE ID 83705
THE THE PARTY OF T]
OWNER OR RESPONSIBLE OFFICIAL	RAY L YEHLE
TITLE OF RESPONSIBLE OFFICIAL	DIRECTOR OF REGULATORY AFFAIRS
Based on information and belief formed after r	easonable inquiry
I certify the statements and information in this	document are accurate and complete.
SIGNATURE OF OWNER OR RESPONSIBLE	OFFICIAL DATE
1 2 Ch	12/3/04

SECTION 2: FUEL BURNING EQUIPMENT (complete a separate page for each unit)

1. REFERENCE NUMBER 2 - 3 MBTU GAS FUR		ant's use)	EM:	ISSIONS EXE	MPT <50n	ı BTU		
2. EQUIPMENT MANUFAC AND MODEL NUMBE		3. RATED HE				5. HEAT US % process		
6. FUEL DATA				OLLUTION C				
	Primary	Secondary	1		Primary	Secondary		
fuel type (use code)			- 1	pe (***************************************		_	
percent sulfur			-	anufacturer			-	
percent ash percent nitrogen			4 ~ `	ost odel number		<u> </u>	_	
percent carbon			┥	efficiency			-	
percent hydrogen			 	cinciency		<u> </u>	_	
percent moisture			MANI	JFACTURER	GUARANT	EED yes	no	
heat content			1					
(in units of Btu/wt or	volume)		fo	r wet scrubbe	ers:			
	-	•		water flow _	gpr	n		
7. FUEL CONSUMPTION			1			inches of water	er -	
	Primary	Secondary						
Maximum amount			fo	r baghouse:				
burned/hour				air/cloth rati	o			
Normal amount								
burned/year			11. *	STACK DATA	4			
Fly ash reinjection?	_ yes r	no n.a.	he	eight			ft	
	-		ex	diameter			_ft	
8. FUEL CONSUMPTION F	PER QUAR	TER AS	ex	cit velocity			_ fpm	
PERCENTAGE OF AN	INUAL		ех	acfm				
			exit gas temperatureF					
January - March								
April – June		 -		STIMATED E			•	
July - September			1 '	maximum de	esign capac			
October - December				rticulates		lb/hr	tons/yr	
O COST ATIMO COLLEGIA			4	Ifur dioxide	4.	lb/hr	tons/yr	
9. OPERATING SCHEDUL	E		i	rbon monoxi		lb/hr lb/hr	tons/yr	
Hours por day			1	rogen oxides latile organic		lb/hr	tons/yr tons/yr	
Hours per day Days per week				ompounds		10/111	tonsyr	
Weeks per year			0.	Jinpounds				
<u> </u>						·		
FUEL CODES 1. Natural gas				IER CODES reader stokei		7 Unde	rfeed stoker	
2. Oil (specify ASTM grade	number)		2. Ch	ain or traveling		8. Tange	entially fired	
Wood (specify chips, bar	k, shavings	3 .	3. Hand fired 9. Horizintally fired					
sander dust) Coal (specify bituminous	, antracite.			cione furnace et bottom (pui			(specify)	
Cother (specify)		J/	6. Dr	y bottom (pul	verized coal)		

^{*}Indicate on a separate page if this is a common stack with another operation or process. Also so indicate if more than one stack is used with this fuel burning unit and supply stack parameters as listed in number 11.

STATE OF IDAHO

'PPLICATION TO CONSTRUCT AN AIR POLLUTION EMITTING FACILITY

1. UNIQUE REFERENCE N	UMBER (to b	e assigned	by applicant)	2. PR	OCESS OR	OPERATION I	NAME
A - GEL COAT BOOTH					AREA SOU	RCE	
3. MAXIMUM RATED INPU CAPACITY (tons/hour)		4. NORM/ tons/h	AL FEED INPUT our tons/year	5	. NORMAL tons/hour	PRODUCT Of tons/year	
.007	•	.012	51.4	1	.009	39.6	
6. THROUGHPUT PER QUA	ARTER AS P	ERCENT	10. POLLUTION	CONT	ROL EQUIP	PMENT	
OF ANNUAL					Primary	Secondary	
January - March	25		Type	·	FILTER	PAD	
April – June	25		Manufactur	er _	BINKS	PUROLATE	R
July - September	25		Cost				
October - December	25		Model Num	ber _			
·			% Efficienc	у _	.84	.72	
7. OPERATING SCHEDULE							
·			MANUFACTUR	ER GU	ARANTEE) yes	_ no
Hours per day	24						
Days per week	5.5		For wet scri		: NA		
Weeks per year	52		water flow	' _		_gpm	
			pressure o	drop _		_inches of wa	ıter
STACK OR EXHAUST DA	ATA						
			For baghou		NA		
Height	27	ft	air/cloth ra	atio _			
Exit diameter	2.83	ft					
Exit velocity	109	fpm	11. ESTIMATED	EMIS:	SIONS		
Exit gas volume	13800	acfm					
Exit gas temperature	77	F	particulates	S _	.106	lb/hr .3	6_tons/y
			sulfur dioxi	de _	NA	lb/hr	tons/yi
(include a separate page for	each stack if	multiple	carbon mor	noxide	NA	lb/hr	tons/y
stacks or vents are used)			nitrogen ox	ides _	NA	lb/hr	tons/y
			volatile org	anic _	AREA SOUR	CEb/hr	tons/y
			compound	ds			
A 0705 405 04 5(0) 5474	//f thes				************************		
9. STORAGE PILE(S) DATA	_ *		ige plie is on site, p	PIESSE	allacii a se	Jarale Sneet	
detailing each storage pile	·)	NA					
Volume	_cubic yards		Daily throughput	: _		_tons per day	Y
Height	_ _ft				· · · · · · · · · · · · · · · · · · ·		
Width	_ _ft		How is material I		d (i.e. front	end loader, co	vered
length	_ _ft		conveyor belts, e	etc.)?			
Type of material	- 						<u> </u>
Mesh or minus size							
1			•				

^{*}If units other than tons, please specify.

1. UNIQUE REFERENCE N	JMBER (to b	e assigned	by applicant)	2. PR	OCESS OR C	PERATION N	AME
B - GEL COAT BOOTH					AREA SO	JRCE	
3. MAXIMUM RATED INPUT CAPACITY (tons/hour)*		4. NORMA tons/ho	L FEED INPUT our tons/year	5	. NORMAL F tons/hour	PRODUCT OU tons/year	TPUT
.007		.001	.0 22.0		.0008	16.9	1
6. THROUGHPUT PER QUA	RTER AS P	ERCENT	10. POLLUTION	CONT	ROL EQUIP	MENT	
OF ANNUAL					Primary	Secondary	. [
January - March	25		Type		FILTER	PAD	_
April - June	25	·	Manufactur	rer P	ROTECTAIRE	PUROLATER	
July - September	25		Cost				_
October - December	25		Model Num	nber _			
		····	√ Sefficience √ Mary Mary Mary Mary Mary Mary Mary Mary	;y _	.84	.72	_
7. OPERATING SCHEDULE				•			
			MANUFACTUR	RER GU	ARANTEED	yes	no
Hours per day	24		_			. •	ł
Days per week	5.5		For wet scr		: NA		. [
Weeks per year	52					gpm	ļ
<i></i>		·	pressure of	arop _		inches of wat	er
TACK OR EXHAUST DA	TA						
	27	•	For baghou		NA		
Height	27	ft	air/cloth ra	atio _		-	
Exit diameter	3.50	ft	TOTIVATED	S 51410	010110		
Exit velocity	127	fpm	11. ESTIMATED) EMIS	SIUNS	·	
Exit gas volume	24400	acfm		_	107	the Change of A	*****
Exit gas temperature		F	particulates	-	.187	lb/hr .64	_tons/yr
		£ 62 1	sulfur dioxi		NA NA	lb/hr	_tons/yr
(include a separate page for	each stack ii	multiple	carbon moi	_	NA NA	lb/hr	_tons/yr
stacks or vents are used)			nitrogen ox	_		lb/hr	tons/yr
			1		OURCE AREA	lb/hr	_tons/yr
			compound	us			
- 0700405 DU 5(0) DATA	/lé mara tha			places	ottoch o coo	arota aboat	
9. STORAGE PILE(S) DATA	•	n one stora	ge pile is on site, i	piease	attach a sepa	arate srieet	
detailing each storage pile) NA						
Volume	cubic yards	;	Daily throughput	t		tons per day	
Height	ft			-		<u> </u>	
Width	ft		How is material	handle	d (i.e. front e	nd loader, cov	ered
length	- ft		conveyor belts,		•		
Type of material	-		•	-			
Mesh or minus size	· <u>·······</u>			•			
							
$oldsymbol{\cup}$,		

^{*}If units other than tons, please specify.

1. UNIQUE REFERENCE NU	MBER (to b	e assigned	by applicant)	2. PF	ROCESS OR C	PERATION	ON NAME	
C - HEAT TUNNEL			·		AREA SOU	RCE		
3. MAXIMUM RATED INPUT CAPACITY (tons/hour)*		4. NORM/ tons/h	AL FEED INPUT our tons/year		5. NORMAL F tons/hour	PRODUC tons/		-
51,000 UNITS		9 T	JNITS /hr	I	51,000	INTTS		
6. THROUGHPUT PER QUAP	RTER AS P	ERCENT	10. POLLUTION	CON				-
OF ANNUAL					Primary	Seconda	ıry	
January - March	25		Туре		NA			
April – June	25		Manufactur	er				
July - September	25		Cost	-				-
October - December	25		Model Num	ber				
			% Efficience	у			· .	
7. OPERATING SCHEDULE	•		•					.
			MANUFACTUR	ER G	UARANTEED	yes	no	
Hours per day	24							
Days per week	5.5		For wet scr	ubber	s: NA			
Weeks per year	52		water flow	<i>!</i>		gpm		
/ · ·			pressure of	drop		inches o	f water	
TACK OR EXHAUST DAT	A			•		_		
			For baghou	ıses:	NA			
Height	28	ft	air/cloth re	atio				
Exit diameter	1.0	ft				-	• "	
Exit velocity	417	fpm	11. ESTIMATED	EMIS	SIONS			
Exit gas volume	600	acfm						
Exit gas temperature	92	F	particulates	S	0	lb/hr	0 ton	ıs/yr
			sulfur dioxi	de	NA	lb/hr	ton	ıs/yr
(Include a separate page for e	ach stack if	multiple	carbon mo	noxide) NA	lb/hr		ıs/yr
stacks or vents are used)		•	nitrogen ox	cides	NA	lb/hr		ıs/yr
•			volatile org	anic S	OURCE AREA	lb/hr		ıs/yr
			compound					-
			·					
9. STORAGE PILE(S) DATA (If more than	n one stora	ge pile is on site,	please	attach a sepa	arate she	et	
detailing each storage pile)	NA			•	•			
							•	
Volume	cubic yards		Daily throughput	t		tons per	day	
	ft					_	•	
	ft		How is material	handle	ed (i.e. front e	nd loader	covered	
	ft		conveyor belts,					
Type of material	•			,				
Mesh or minus size							•	
)					***************************************			

^{*}If units other than tons, please specify.

1.	UNIQUE REFERENCE N	UMBER (to b	e assigned	by applicant)	2. P	ROCESS OR	OPERATION	NAME
	D - CUSTOM FAB MOLI	BLDG			Ā	REA SOURCE		
3.	MAXIMUM RATED INPU CAPACITY (tons/hour) .007		4. NORMA tons/ho	AL FEED INPUT our tons/year 22.0	:	5. NORMAL tons/hour	tons/yea	
_						.008	16.9	-
6.	THROUGHPUT PER QU	ARTER AS P	ERCENT	10. POLLUTION	COL			
	OF ANNUAL	25				Primary	Secondary	,
	January – March	25 25		Туре		FILTER	PAD	
	April – June			Manufactur Cost	er	BINKS	PUROLATO	K
	July - September October - December	<u>25</u> 25		Model Num	hor			
	October – December	25		% Efficience		.84	70	
7	OPERATING SCHEDULE	-		70 211106110	y	•04	.72	
7.	,	•		MANUFACTUR	ER G	UARANTEED	yes	_ no
	Hours per day	16						
	Days per week	5.5		For wet scr	-	rs: NA		
ĺ	Weeks per year	52		water flow		_gpm		
				pressure o	drop		_inches of wa	ater
•	TACK OR EXHAUST DA	ATA				NA		
	-	0.0	••	For baghou		NA		
	Height	29	ft	air/cloth ra	atio			
	Exit diameter	2.83	ft	- FOTWATES		0010110		
	Exit velocity	104	fpm	11. ESTIMATED) EMI	SSIONS		
	Exit gas volume	20,000 77			_		45 /5 ·	
	Exit gas temperature		F	particulates		.153 NA		35_tons/yr
				sulfur dioxi			lb/hr	tons/yr
٠.	clude a separate page for	each stack in	multiple	carbon mod		NA NA	lb/hr	tons/yr
St	acks or vents are used)			nitrogen ox			lb/hr	tons/yr
				volatile org		SOURCE ARI	SAID/IT	tons/yr
9.	STORAGE PILE(S) DATA detailing each storage pile	•	n one stora	ge pile is on site, p	pleas	e attach a sep	parate sheet	
	Volume	_cubic yards		Daily throughput	t		_tons per da	y
	Height	ft				_		
	Width	_ft		How is material		•	end loader, co	vered
	length	_ft		conveyor belts,	etc.)?	1		
	Type of material			5			·	·
1	Mesh or minus size							
•	A		·					
V								

^{*}If units other than tons, please specify.

E - MAT AND PATCH BOOTH 3. MAXIMUM RATED INPUT CAPACITY (tons/hour)* .096 6. THROUGHPUT PER QUARTER AS PERCENT OF ANNUAL January - March April - June July - September Quily - September Quil
3. MAXIMUM RATED INPUT CAPACITY (tons/hour)* .096 6. THROUGHPUT PER QUARTER AS PERCENT OF ANNUAL January - March July - September October - December Cottober - December Hours per day 4. NORMAL FEED INPUT tons/hour tons/year .03 137.0 .029 119.9 10. POLLUTION CONTROL EQUIPMENT Primary Secondary Type FILTER PAD Manufacturer BINKS PUROLATOR Cost Model Number % Efficiency .84 .72 MANUFACTURER GUARANTEEDyes no
6. THROUGHPUT PER QUARTER AS PERCENT OF ANNUAL January - March April - June July - September October - December 7. OPERATING SCHEDULE 4. December April - June
6. THROUGHPUT PER QUARTER AS PERCENT OF ANNUAL January - March April - June July - September October - December 7. OPERATING SCHEDULE 10. POLLUTION CONTROL EQUIPMENT Primary Secondary Type FILTER PAD Manufacturer BINKS PUROLATOR Cost Model Number % Efficiency 84 .72 MANUFACTURER GUARANTEED yes no
January - March 25 April - June 25 Manufacturer BINKS PUROLATOR Cost October - December 25 Model Number % Efficiency .84 .72 7. OPERATING SCHEDULE MANUFACTURER GUARANTEEDyes no
January - March April - June July - September October - December 7. OPERATING SCHEDULE Hours per day April - June 25 Manufacturer BINKS PUROLATOR Cost Model Number % Efficiency .84 .72 MANUFACTURER GUARANTEEDyes no
April – June 25 Manufacturer BINKS PUROLATOR July – September 25 Cost October – December 25 Model Number % Efficiency .84 .72 7. OPERATING SCHEDULE MANUFACTURER GUARANTEED
July - September 25 Cost October - December 25 Model Number % Efficiency .84 .72 7. OPERATING SCHEDULE MANUFACTURER GUARANTEED
7. OPERATING SCHEDULE Hours per day 24 MANUFACTURER GUARANTEED yes no
7. OPERATING SCHEDULE MANUFACTURER GUARANTEED yes no Hours per day
7. OPERATING SCHEDULE MANUFACTURER GUARANTEED yes no Hours per day
Hours per day 24
To word and a second se
water nowgpm
pressure dropinches of water
TACK OR EXHAUST DATA
For baghouses: NA
neight all/Gloth ratio
Exit diameter 2.83 ft
Exit velocity 109 fpm 11. ESTIMATED EMISSIONS
Exit gas volume 13,800 acfm
Exit gas temperature 77 F particulates 106 lb/hr 36 tons/y
sulfur dioxide NA lb/hr tons/y
(Include a separate page for each stack if multiple carbon monoxide NA lb/hr tons/y
stacks or vents are used) nitrogen oxides NA lb/hr tons/y
volatile organic SOURCE AREAlb/hr tons/y
compounds
9. STORAGE PILE(S) DATA (If more than one storage pile is on site, please attach a separate sheet
detailing each storage pile) NA
Volume cubic yards Daily throughput tons per day
Height
Width ft How is material handled (i.e. front end loader, covered
length ft conveyor belts, etc.)?
Type of material
Mesh or minus size

^{*}If units other than tons, please specify.

STATE OF IDAHO

"PLICATION TO CONSTRUCT AN AIR POLLUTION EMITTING FACILITY

1. UNIQUE REFERENCE N	JMBER (to b	e assigned	by applicant) 2.	PROCESS OR O	OPERATION NAME
F - SKIN / CERAMETEC	воотн			AREA SOURCE	
3. MAXIMUM RATED INPUT CAPACITY (tons/hour)*		4. NORMA tons/ho	L FEED INPUT our tons/year	5. NORMAL tons/hour	PRODUCT OUTPUT tons/year
3.8		.0005	58.8	.0005	51.2
6. THROUGHPUT PER QUA	ARTER AS PI	ERCENT	10. POLLUTION C	ONTROL EQUIP	MENT
OF ANNUAL				Primary	Secondary
January - March	25		Type	FILTER	POWER ROLLER
April – June	25		Manufacturer	PROTECTAIRE	1
July - September	25		Cost		•
October – December	25		Model Numbe	r	
			% Efficiency	.84	.72
7. OPERATING SCHEDULE					
			MANUFACTURE	R GUARANTEED	yes no
Hours per day	24				
Days per week	5.5		For wet scrub	bers: NA	
Weeks per year	52		water flow		_gpm
L			pressure dro	ρ	inches of water
STACK OR EXHAUST DA	TA				
			For baghouse		
Height	29	ft	air/cloth ratio	·	-
Exit diameter	3.5	ft			
Exit velocity	127	fpm	11. ESTIMATED E	MISSIONS	
Exit gas volume	24,400				
Exit gas temperature	77	F	particulates	.187	lb/hr .64 tons/yr
			sulfur dioxide		lb/hr tons/yr
(Include a separate page for	each stack if	multiple	carbon mono		lb/hr tons/yr
stacks or vents are used)			nitrogen oxide		lb/hr tons/yr
			1	ic SOURCE AREA	lb/hr tons/yr
			compounds		
9. STORAGE PILE(S) DATA	(If more than	one storac	e pile is on site, ple	ase attach a seo	arate sheet
detailing each storage pile	•		, o pilo io oli olio, pilo		
				•	
Volume	cubic yards		Daily throughput	·	tons per day
Height	ft				-
Width	ft ·		How is material had	ndled (i.e. front e	nd loader, covered
length	- ft		conveyor belts, etc	.)?	
Type of material	-				
Mesh or minus size					
					
⊿					

^{*}If units other than tons, please specify.

1. UNIQUE REFERENCE N	UMBER (to b	e assigned	by applicant)	2. PROCESS	OR OPERAT	TION NAME
G - CUSTOM FAB SKIN	Ī			AREA SO	URCE	
3. MAXIMUM RATED INPUT CAPACITY (tons/hour)		4. NORMA tons/ho	AL FEED INPUT our tons/year	5. NOR tons	MAL PRODU hour ton	CT OUTPUT s/year
0.19	1	.000	5 58.8	.00	05	51.2
6. THROUGHPUT PER QUA	ARTER AS PE	ERCENT	10. POLLUTION	CONTROL	QUIPMENT	
OF ANNUAL	:			Prima	ry Second	dary
January - March	25	· 	Туре	FILTER	PAD	
April – June	25		Manufactur	er BINKS	PURO	LATOR
July - September	25		Cost			
October - December	25		Model Num	ber		
			% Efficienc	y <u>.84</u>		.72
7. OPERATING SCHEDULE	* * * * * * * * * * * * * * * * * * * *					
	•		MANUFACTUR	ER GUARAN	TEED ye	s no
Hours per day	16					
Days per week	5.5	·	For wet scr		A ,	Ì
Weeks per year	52	··- 	water flow		gpm	_
			pressure of	drop	inches	of water
TACK OR EXHAUST DA	ATA					
		4.	For baghou	TALL		
Height	29	ft	air/cloth ra	atio		
Exit diameter	3.5	ft	50-111-			
Exit velocity	127	fpm	11. ESTIMATED	EMISSIONS		
Exit gas volume	24,400	acfm			44. 45	
Exit gas temperature	77	F	particulates		.187 lb/hr	tons/yr
			sulfur dioxi		NA Ib/hr	tons/yr
(include a separate page for	each stack if	muitiple	carbon mo		NA Ib/hr	tons/yr
stacks or vents are used)			nitrogen ox			tons/yr
·			-	anic SOURCE	AREA IDINI	tons/yr
			compound	us		
9. STORAGE PILE(S) DATA	/lf mara than	LODO etoro	co silo io on sito i	ologog ottoch	a constate sh	
	`	i one stora	ge plie is on site, i	please allacii	a separate si	ieer
detailing each storage pile) NA					
Volume	cubic yards		Daily throughput	Ì	tons p	er day
Height	-ft		, ,		•	
Width	ft		How is material	handled (i.e. f	ront end load	er, covered
length	ft		conveyor belts,	•		
Type of material	_		•	· .		
Mesh or minus size						
V	· · · · · · · · · · · · · · · · · · ·					
		·				

^{*}If units other than tons, please specify.

1. UNIQUE REFERENCE N	UMBER (to b	e assigned	by applicant)	2. PROCE	SS OR OPERA	TION NAME
H - HYDRATE LAM (PROI	OUCTION)			AREA S	OURCE	
3. MAXIMUM RATED INPU CAPACITY (tons/hour)		tons/h	•	tor		ns/year
.1		.03	144.0	.0		125.
6. THROUGHPUT PER QUA	ARTER AS P	ERCENT	10. POLLUTION	CONTROL		
OF ANNUAL				Prin	nary Secor	ıdary
January - March	25		Type	FILT		
April – June	25		Manufactur	er BINK	S PUR	OLATOR
July - September	25		Cost			
October - December	25		Model Num	ber		
			% Efficienc	y 84		72
7. OPERATING SCHEDULE	•					
			MANUFACTUR	ER GUARA	NTEED y	es no
Hours per day	24					
Days per week	5.5		For wet scr	ubbers:	NA	
Weeks per year	52		water flow	gpm		
			pressure o	drop	inche	s of water
STACK OR EXHAUST DA	ATA					
			For baghou	ıses: NA		
Height	29	ft	air/cloth ra	atio	·	
Exit diameter	2.83	ft		· ·		
Exit velocity	109	fpm	11. ESTIMATED	EMISSION	NS	
Exit gas volume	13,800	acfm	·			
Exit gas temperature	77	F	particulates	s <u>.1</u>	06 lb/hr	. 36 tons/yr
			sulfur dioxi	de N.	A lb/hr	tons/yr
(Include a separate page for	each stack if	multiple	carbon mo			tons/yr
stacks or vents are used)			nitrogen ox	rides N	A lb/hr	tons/yr
			volatile org	anic SOURC	E AREA Ib/hr	tons/yr
			compound	ds		
9. STORAGE PILE(S) DATA	(If more that	n one stora	ge pile is on site, ¡	please attac	ch a separate s	heet
detailing each storage pile	e) NA					
Volume	cubic yards		Daily throughput	•	tons	per day
Height	_ft					•
Width	ft		How is material	handled (i.e	e. front end load	der, covered
length	_tt		conveyor belts,	•		•
Type of material	 '-			- •	•	
Mesh or minus size						
1410011 01 11111103 0120						

^{*}If units other than tons, please specify.

1. UNIQUE REFERENCE N	UMBER (to b	e assigned	by applicant)	2. PROCESS	OR OPERATION	NAME
I - HYDRATE LAM (CUS	TOM FAB)			AREA SOUR	CE	
3. MAXIMUM RATED INPU CAPACITY (tons/hour)		4. NORMA tons/ho		5. NOR tons/		
	ADTED AS D					
6. THROUGHPUT PER QUA	ARIERAS PI	EHCENI	10. POLLUTION			;
	25		Time	Primar	•	
January – March April – June			Type Manufacture	FILTER	PAD PUROLATO	
July - September	<u>25</u> 25		Cost	er <u>BINKS</u>	PURULATU	<u>K_</u>
October – December	25		Model Num	her		
Colober - December			% Efficience		.72	
7. OPERATING SCHEDULE			70 2		1 .14	
	-		MANUFACTUR	ER GUARANT	TEED yes	no
Hours per day	16					• · · · ·
Days per week	5.5		For wet scre	ubbers: NA		
Weeks per year	52		water flow		gpm	
			pressure d	lrop	inches of wa	ter
STACK OR EXHAUST DA	NTA			-		
1			For baghou	ses: _{NA}		
Height	29	ft	air/cloth ra	ıtio		
Exit diameter	3.5	ft				_
Exit velocity	127	fpm	11. ESTIMATED	EMISSIONS		
Exit gas volume	24,40	0 acfm				
Exit gas temperature	77	F	particulates			2_tons/yr
			sulfur dioxid			tons/yr
(Include a separate page for	each stack if	multiple	carbon mor			tons/yr
stacks or vents are used)			nitrogen ox		10/111	tons/yr
				anic SOURCE	AREA Ib/hr	tons/yr
			compound	ls		
			<u> </u>			
9. STORAGE PILE(S) DATA		n one stora	ge pile is on site, p	dease attach	a separate sheet	
detailing each storage pile	NA NA					
Volume	_cubic yards		Daily throughput	·	tons per day	,
Height	_ft					
Width	_ft		How is material h	nandled (i.e. fi	ront end loader, co	vered
length	_ft		conveyor belts, e	etc.)?		
Type of material	·					
Mesh or minus size						
1						
				,		

^{*}If units other than tons, please specify.

*PPLICATION TO CONSTRUCT AN AIR POLLUTION EMITTING FACILITY

1. UNIQUE REFERENCE N	JMBER (to be	e assigned	by applicant)	2. PI	ROCESS OR C	PERATION NA	AME
J - A.H. AND WATER JE	T TRIM			A	AREA SOURCE		
3. MAXIMUM RATED INPUT CAPACITY (tons/hour)*		4. NORMA tons/ho	AL FEED INPUT our tons/year		5. NORMAL F tons/hour	PRODUCT OUT tons/year	IPUT
38,000 UNITS	Ì	8.1 U	NITS/hr		·	33,000	UNITS/H
6. THROUGHPUT PER QUA	ARTER AS PE	ERCENT	10. POLLUTION	COV	ITROL EQUIP		
OF ANNUAL			1		Primary	Secondary	
January - March	25		Type		FILTER	PAD	_
April – June	25		Manufactur	rer	PROTECTAIRE	PUROLATOR	
July - September	25		Cost				
October - December	25		Model Nurr	nber			_
			% Efficience	у	84	.72	_
7. OPERATING SCHEDULE			1				
			MANUFACTUR	RERG	UARANTEED	yes r	10
Hours per day	24						
Days per week	5.5		For wet scr		rs: NA		
Weeks per year	52		water flow			gpm	
I		,	pressure of	drop		inches of water	er
STACK OR EXHAUST DA	29	ft	For baghou air/cloth r		NA .	_	·
Exit diameter	3.5	ft				<u> </u>	
Exit velocity	104	fpm	11. ESTIMATED) EMI	SSIONS		
Exit gas volume	2,000	acfm					
Exit gas temperature	77	F	particulate		.187	lb/hr 64	_tons/yr
		4.4	sulfur dioxi	_	NA NA	lb/hr	_tons/yr
(Include a separate page for	each stack if	multiple	carbon mo			lb/hr	_tons/yr
stacks or vents are used)			nitrogen ox		<u>NA</u>	lb/hr	_tons/yr
			volatile org compoun	-	SOURCE AREA	lb/hr	tons/yr
9. STORAGE PILE(S) DATA detailing each storage pile	•	one stora	ge pile is on site,	pleas	e attach a sepa	arate sheet	
Volume	_cubic yards		Daily throughpu	t		tons per day	
Height	_ft _ft		How is material	handi	led (i.e. front e	nd loader, cov	ered
length	-'` ft		conveyor belts,		•	,	
Type of material	- ` *			- · · · ·			
Mesh or minus size							- .
I WOST OF HIRIDS SIZE							

^{*}If units other than tons, please specify.

1. UNIQUE REFERENCE N	JMBER (to be assigned	by applicant) 2. P	ROCESS OR	OPERATION NA	ME
K - CUSTOM FAB TRIM		A	REA SOURCE		
3. MAXIMUM RATED INPUT CAPACITY (tons/hour)*			5. NORMAL tons/hour	PRODUCT OUT tons/year	PUT
38,000 UNITS	8.1 UN	ITS/hr		33,000 UNI	S/hr
6. THROUGHPUT PER QUA	RTER AS PERCENT	10. POLLUTION CON	NTROL EQUIP		
OF ANNUAL			Primary	Secondary	
January - March	25	Type	FILTER	PAD	
April – June	25	Manufacturer	BINKS	PUROLATOR	
July - September	25	Cost			
October - December	25	Model Number			
		% Efficiency	<u>. 84</u>	.72	
7. OPERATING SCHEDULE					
		MANUFACTURER G	BUARANTEED	yes n	0
Hours per day	16				
Days per week	5.5	For wet scrubbe	rs: _{NA}		
Weeks per year	52	water flow		_gpm	
		pressure drop		_inches of water	r
STACK OR EXHAUST DA	ITA				
		For baghouses:	NA		
Height	ft	air/cloth ratio			
Exit diameter	ft				
Exit velocity	fpm	11. ESTIMATED EMI	ISSIONS		
Exit gas volume	24,400 acfm				
Exit gas temperature	F	particulates	187	lb/hr 43	_tons/yr
		sulfur dioxide	NA NA	lb/hr	_tons/yr
(include a separate page for	each stack if multiple	carbon monoxid	· <u> </u>	lb/hr	_tons/yr
stacks or vents are used)		nitrogen oxides		lb/hr	_tons/yr
		volatile organic	SOURCE ARE	A lb/hr	_tons/yr
		compounds			
O STORAGE BU E(O) DATA	/lé more than one eterne	no nilo io on nito, nicoo	o ottoch a con	orata abaat	
9. STORAGE PILE(S) DATA		ge plie is on site, pleas	e attach a sep	arate sneet	
detailing each storage pile) NA				
Volume	_cubic yards	Daily throughput		_tons per day	
Height	_ft				
Width	_ft	How is material hand		end loader, cove	red
length	_ft	conveyor belts, etc.)?	•		
Type of material					_
Mesh or minus size					
.					

^{*}If units other than tons, please specify.

UMBER (to be	assigned	by applicant)	2. PF	OCESS OR	OPERAT	ION NĂ	ME
C			PO	INT SOURCE	E		
T							PUT
ARTER AS PE	RCENT	10. POLLUTION	1 CON	TROL EQUIP	PMENT		
				Primary	Second	ary	
25		Туре		NA			
25		Manufactui	rer				_
25		Cost	_				_
25		1	_				•
E		90 Emcient	.y		<u>.l</u>		-
		MANUFACTUE	RER GI	UARANTEE) yes	s n	0
		F ar		•	•		
	******	1		S			
52			-			of wate	
ATA		pressure	grob _			DI Wale	•
NIA		For baghou	1606.				
20	f t						
******		antolouri	auo .				
		11 ESTIMATED) FMIS	SIONS	······································	· · · · · · · · · · · · · · · · · · ·	
	 '	III. LOIIWATEL	J L.W.	3010110			
		particulate	S	260	lb/hr		tons/y
	 '	•					_tons/y
each stack if	multiple						tons/y
odon oldon ii	····a·up··			NA		NA	tons/y
		1		3.67		35	
		1					_
A (If more than e) NA	one stora	ge pile is on site,	please	attach a se	parate sh	eet	<u> </u>
_cubic yards		Daily throughput	t į		_tons pe	r day	
_ft							
_ft				ed (i.e. front	end loade	r, cove	red
_ft		conveyor belts,	etc.)?				
	ARTER AS PE 25 25 25 25 25 25 25 35,000 77 each stack if (If more than NA cubic yards ft ft	ARTER AS PERCENT 25 25 25 25 25 25 25 ATA 29 ft ft 1.0 ft 12.5 fpm 35,000 acfm 77 F each stack if multiple A (If more than one storal b) NA cubic yards ft ft	ARTER AS PERCENT 25 25 25 25 25 Model Num % Efficience MANUFACTUF 16 5.5 52 ATA For wet scr water flow pressure ATA For baghor air/cloth re 12.5 fpm 35,000 acfm 77 F reach stack if multiple A (If more than one storage pile is on site, e) NA Cubic yards Daily throughput It How is material	ARTER AS PERCENT 10. POLLUTION CON 25	ARTER AS PERCENT 4. NORMAL FEED INPUT tons/hour tons/year 5. NORMAL tons/hour	ARTER AS PERCENT 10. POLLUTION CONTROL EQUIPMENT Primary Second Type NA Manufacturer Cost Model Number % Efficiency 16	POINT SOURCE T

^{*}If units other than tons, please specify.

SECTION 4: REFUSE DISPOSAL AND INCINERATION (complete a separate page for each unit)

1. UNIQUE REFERENCE N	IUMBER (to be assigned	by applicant)		
	B. MAXIMUM AMOUNT DISPOSED PER DAY (pounds/day)	4. AMOUNT PER YEAR (Tons/year)		DD OF DISPOSAL codes below)
wood cardboard,				
officewage, fully	NA	7344 cy/yr	2	& 6
reacted fiberglass				
6. TYPE OF INCINERATOR	NA NA	10. POLLUTION CONT		IENT Secondary
Single chamber		type	NA	NA
Multiple chambe	er ·	manufacturer		
Flue feed incine		cost		
Pathological inc		model number		
Rotary chamber		% efficiency		
Conical burner:				
yes	no overfire	MANUFACTURER GU	ARANTEED	ves no
	no underfire	MANOTAG TOTILL GO	AIIAITIEED .	
yes _	no damper	for wet scrubbers:		
yes _				
yes _	no temperature	water flow		
),	recorder	pressure drop) Inc	ches of water
Modified (descri				
Other (describe)	· · · · · · · · · · · · · · · · · · ·	for baghouse:		
		air/cloth ratio		
7. INCINERATOR DESCRIP				
Manufacturas	NA	11. STACK DATA	37.4	
Manufacturer		haisha	NA	44
Model number	lbs/hour	height		ft
Rated capacity		exit diameter		ft
Type waste	lbs/day	exit velocity		fpm
Quantity burned	Tons/yr	exit gas volume		acfm
Is incinerator equipped		exit gas temperature	·	F
afterburner?	yes			
		12. ESTIMATED EMISS		
8. AUXILLIARY FUEL FOR		(at maximum design	• • • • • • • • • • • • • • • • • • • •	
}	NA	·	NA lb/hr	
Type of fuel			NA lb/hr	tons/yr
Amount per year		Carbon monoxide	NA lb/hr	tons/yr
Heat content			NA lb/hr	tons/yr
Percent sulfur		Volatile organic	NA lb/hr	tons/yr
Percent ash		compounds		
9. OPERATING SCHEDULE	NA	METHOD OF DISPOSA	L CODES	
Hours/day	= 	1. Open burning		
Days/week		2. Lanfilled (no bu	rnina)	
Weeks/year	3. Burned in boiler			
TVEEKS/year	4. Conical burner		st of form)	
	•	5. Incinerated (cor	•	*
		6. Hauled away by	•	
		99. Other (specify)		posai
		33. Other (specify)		

SECTION 5: STORAGE, HANDLING AND USE OF LIQUID SOLVENTS AND OTHER VOLATILE COMPOUNDS

STORAGE TANK	(S				*			
UNIQUE REFERENCE NUMBER (assigned by applicant)	2. TYPE OF STORAGE TANK (use code)	3. MATERIAL STORED IN TANK	4. TANK CAPACITY (gallons)	5. ANNUAL THROUGH PUT (gal/year)	6. SOURCE OF TANK CONTENTS (use code)	7. METHOD OF VAPOR RECOVERY (use code)	8. ESTIMATED VAPOR RECOVERY EFFICIENCY (percent)	EMISSIONS (Tons/yr)
М	2	RESIN	6828	164,400	5 TOTES	6 CLOSED	0	0
STORAGE TANI CODES (column 1. Fixed roof 2. Floating roof internal cove 3. Variable vapo 4. Pressure tan 5. Underground loading	(or or) or space k	SOURCE OF TACONTENTS (co 1. Pipeline 2. Rail car 3. Tank truck 4. Ship, barge 5. Other (specif	lumn 6)	VAPOR RECOV CODES (column 1. Incineration 2. Refrigerated liquid scrubbe 3. Refigeration condensation 4. Carbon adso pack 5. Vapor return system 6. No recovery	n 7) er orption	AS PERCE	ember	
VAPOR PHASE	DEGREASING	OPERATIONS						· · · · · · · · · · · · · · · · · · ·
1. TANK CAPACITY (gallons)	2. TANK SURFACE AREA (sq. ft.)	3. SPECIFIC N AND MANUF OF DEGREA AGENT	ACTURER	4. ESTIMATED AIR EMISSIONS (gal/year)		ORMATION height Air flow (ft) (acfm)	6. TEMPER- ATURE OF TANK (F)	7. METHOD OF VAPOR RECOVERY (use code)
NA								
					ļ			<u> </u>
			<u> </u>		-			

SECTION 6: LOADING RACKS AND OIL-WATER SEPARATORS

LOADING RACK	S						
1. UNIQUE REFERENCE NUMBER (assigned by applicant)	2. NAME OF MATERIAL LOADING FROM RACK AND REID VAPOR PRESSURE (summer)	3. TYPE OF LOADING (use codes)	4. GALLONS LOADED PER YEAR	5. TYPE OF HATCH VAPOR CLOSURE ON LOADING ARMS (use codes)	6. METHOD RECOVE METHOD (use codes)		7. VOLATILE ORGANIC LOSSES FROM LOADING OPERA- TIONS (Tons/yr)
NA							
						ļ	
fill, normal se 3. Bottom loadii service 4. Overhead loa fill, balanced	ading – splash ervice ading – submerged ervice ng – normal ading – splash service ading – submerged service	TYPE OF HATCLOSURE OF ARM CODES 1. Incineratio 2. Greenwood 3. Soco 4. Chiksan 5. None – op 6. Other (des	N LOADING (column 5) n d en to air	METHOD OF VAPOR RECODES (column 6) 1. Incineration 2. Refrigerated liquid scr 3. Vapor balance – return system 4. Vapor absorption syst 5. Vapor compressor – condensor system 6. None – open to air 7. Other (describe)	rubber	THROUGHI AS A % OF January-Ma April-June July-Septer October-De	nber
OIL-WATER SE	PARATORS						
1. Is there an oi	il-water separator at this site	?	NO				
1 *	oduct recovered per year?		NA NA				
	osure (open, floating roof, se	aled cover)?	NA	•			
	duct(s) recovered?	<u>NA</u>		-14-10			
5. Is the oil-wat	ter separator vented to any v	apor recovery	system at your	site? NA			

1.	UNIQUE REFERENCE NUMBER (assigned by applicant)	2. TYPE OF MATERIAL HANDLED OR EMITTED	3. PROCESS NAME/ DESCRIPTION (use separate sheets if	4. AMOUNT HAND OR PROCESSE	
	ny applicant		necessary)	(lb/hr) (T	Cons/yr)
	AREA SOURCE	121-67-7	DEPURE ACC		
		N, N DiMeth	FIBERGLASS	.06	.21
5.	· · · · · · -	JARTER AS PERCENTAGE	10. POLLUTION CONTROL	. EQUIPMENT	
	OF ANNUAL				
	lanuary March	25	type NA		
	January - March April - June	25	cost		
1	July - September		model number		
	October - December	25 25	% efficiency		
	4			, <u>, , , , , , , , , , , , , , , , , , </u>	
6.	OPERATING SCHEDUL	E	MANUFACTURER GUAR	ANTEED yes	s no
	Hours per day	24	for wet scrubbers:		
	Days per week	5.5	water flow	 ,	
10	Weeks per year	52	pressure drop	inches o	f water
. .—					
7.	ESTIMATED EMISSIONS		for baghouse: air/cloth ratio		
	.061	lbs/hr	air/ciour rauo		
	.21	Tons/yr	11. METHOD OF DISPOSA	L OF WASTE MATE	ERIALS
8.	STACK DATA		:		
	hoight	AREA SOURCE ft			
	height exit diameter	AREA SOURCE ft			
	exit velocity	fpm			
	exit gas volume	acfm			
	exit gas temperature	F			
	.				
9.	METHOD TO CONTROL	FUGITIVE EMISSIONS			
	3T A				
	NA				
					
					·····



UNIQUE REFERENCE NUMBER (assigned by applicant)	2. TYPE OF MATERIAL HANDLED OR EMITTED	3. PROCESS NAME/ DESCRIPTION (use separate sheets if	4. AMOUNT HANDLED OR PROCESSED	
AREA SOURCE	1330-21-7	necessary)	(ib/hr) (Tons/yr)
AREA SOURCE	Xylene	FIBERGLASS	.029 .1	
5. THROUGHPUT PER QU	ARTER AS PERCENTAGE	10. POLLUTION CONTROL	EQUIPMENT	
OF ANNUAL				-
January March	25		· · · · · · · · · · · · · · · · · · ·	
January - March April - June	<u>25</u> 25	manufacturer		
July - September	25	model number	· · · · · · · · · · · · · · · · · · ·	
October - December	25	% efficiency		
6. OPERATING SCHEDULE		MANUFACTURER GUAR	ANTEED yes	_ no
Hours per day	24	for wet scrubbers:		
Days per week	5.5	water flow	gpm	
Weeks per year _	52		inches of water	
7. ESTIMATED EMISSIONS		for baghouse: air/cloth ratio		
.029	lbs/hr	amoioni rano		
.1	Tons/yr	11. METHOD OF DISPOSA	L OF WASTE MATERIALS	3
8. STACK DATA			<u> </u>	_
height	AREA SOURCE ft			_
exit diameter	ft			
exit velocity	fpm			_
exit gas volume exit gas temperature	acfm F			
- 451100 TO CONTROL	ELICITIVE ENICCIONO			
9. METHOD TO CONTROL	FUGITIVE EMISSIONS			
NA			·	
	,			_
	<u> </u>		· · · · · · · · · · · · · · · · · · ·	_

1.	UNIQUE REFERENCE NUMBER (assigned by applicant)	2. TYPE OF MATERI HANDLED OR EMITTED	IAL	3. PROCESS NAME/ DESCRIPTION (use separate sheets if		T HANDLED CESSED
				necessary)	(lb/hr)	(Tons/yr)
	AREA SOURCE	100-41-4 Ethyl Benz		FIBERGLASS	.001	.005
5.	THROUGHPUT PER QU	ARTER AS PERCENT	AGE	10. POLLUTION CONTROL	EQUIPMEN	IT
	OF ANNUAL					
				type NA	<u> </u>	
	January - March	.25		manufacturer		· ·
	April – June	.25		cost		
	July - September			model number		· ·
	October - December	.25		% efficiency		
6.	OPERATING SCHEDUL	E		MANUFACTURER GUAR	ANTEED	yes no
	Hours per day	24		for wet scrubbers:		
J	Days per week	5.5		water flow	gpm	
	Weeks per year	52		pressure drop		nches of water
					•	
7.	ESTIMATED EMISSIONS	3		for baghouse:		
		16 76		air/cloth ratio		
	.001	_lbs/hr		11 METUOD OF DISPOSA	LOFWACE	E MATERIAL C
	.005	_Tons/yr		11. METHOD OF DISPOSA	L OF WAS I	E MATERIALS
8.	STACK DATA				····	-
	height	AREA SOURCE	ft			
	exit diameter		ft			
	exit velocity		fpm			
	exit gas volume		acfm			
	exit gas temperature		F			
9.	METHOD TO CONTROL	FUGITIVE EMISSION	<u> </u>			
3.	METHOD TO CONTROL	1 OGITIVE EMIGGICIA	•			
	NA					
~						



1.	UNIQUE REFERENCE NUMBER (assigned by applicant) AREA SOURCE	2. TYPE OF MATERIAL HANDLED OR EMITTED 8052-41-3 Mineral Spirits	3. PROCESS NAME/ DESCRIPTION (use separate sheets if necessary) FIBERGLASS	4. AMOUNT HANDLED OR PROCESSED (lb/hr) (Tons/yr) .002 .008
5.	THROUGHPUT PER QU	JARTER AS PERCENTAGE	10. POLLUTION CONTROL	EQUIPMENT
	OF ANNUAL			# 1
			type NA	
	January - March	25	manufacturer	
	April - June	25	cost	
	July - September	25	model number	
	October - December	25	% efficiency	
6.	OPERATING SCHEDUL	E	MANUFACTURER GUAR	ANTEED yes no
	Hours per day	24	for wet scrubbers:	
	Days per week	5.5	water flow	apm
	Weeks per year	52		inches of water
7.	ESTIMATED EMISSION	S	for baghouse: air/cloth ratio	
	.002	lbs/hr		
Ì	.008	Tons/yr	11. METHOD OF DISPOSA	L OF WASTE MATERIALS
			·	
8.	STACK DATA			
,				
]		AREA SOURCE ft		
	exit diameter	ft		
	exit velocity	fpm		
1	exit gas volume	acfm		
	exit gas temperature _	F		·
		F. (A. 17) (F. F.) (A. 14)		
9.	METHOD TO CONTROL	FUGITIVE EMISSIONS		
	Y A			
	<u>NA</u>			



	UNIQUE REFERENCE NUMBER (assigned by applicant)	2. TYPE OF MATERI HANDLED OR EMITTED	AL :	3. PROCESS NAME/ DESCRIPTION (use separate sheets if		NT HANDLED OCESSED
	AREA SOURCE	80-62-6		necessary)	(lb/hr)	(Tons/yr)
	AREA SOURCE	Meth Merc		FIBERGLASS	.002	.006
1		JARTER AS PERCENTA	AGE	10. POLLUTION CONTROL	EQUIPME	NT
	OF ANNUAL					
	Innuary March	25				
	January – March April – June	25		manufacturer		
	July - September	25		model number	······································	·
	October - December	25		% efficiency		· · · · · · · · · · · · · · · · · · ·
6	OPERATING SCHEDUL	É		MANUFACTURER GUAR	ANTEED	ves no
0.	or EnAming Concess	· ·		MANO? AOTORER GOAR		yes no
	Hours per day	24		for wet scrubbers:		
	Days per week	5.5		water flow		
	Weeks per year _	52		pressure drop	·	inches of water
7.	ESTIMATED EMISSIONS	3		for baghouse:		
				air/cloth ratio		
	.002	lbs/hr				
	.006	Tons/yr	1	1. METHOD OF DISPOSA	L OF WAS	TE MATERIALS
8.	STACK DATA					
	h a laba	AREA SOURCE				
	height exit diameter		t			
	exit velocity		pm			
	exit gas volume		cfm			
	exit gas temperature	f f	=			
	METHOD TO CONTROL	ELICITIVE EMISSIONS			· · · · · · · · · · · · · · · · · · ·	
9.	METHOD TO CONTROL	FUGITIVE EMISSIONS	•			
	NA					
,						



UNIQUE REFERENCE NUMBER (assigned by applicant)	2. TYPE OF MATERIA HANDLED OR EMITTED	AL	3. PROCESS NAME/ DESCRIPTION (use separate sheets if	4. AMOUNT HANDLED OR PROCESSED
AREA SOURCE	101-68-8		necessary)	(lb/hr) (Tons/yr)
	l,l Meth		FIBERGLASS	.003 .009
5. THROUGHPUT PER QU	ARTER AS PERCENT	AGE	10. POLLUTION CONTR	ROL EQUIPMENT
OF ANNUAL				
	25		type	NA
January – March			· · · · · · · · · · · · · · · · · · ·	
April – June	25		cost	
July - September October - December	<u>25</u> 25		model number	
Octobel - December				
6. OPERATING SCHEDULE	E .		MANUFACTURER GU	ARANTEED yes no
Hours per day	24		for wet scrubbers:	
Days per week	5.5		water flow	gpm
- · · · · · -	52			inches of water
7. ESTIMATED EMISSIONS	5		for baghouse: air/cloth ratio	
.003	lbs/hr			,
.009	Tons/yr		11. METHOD OF DISPO	SAL OF WASTE MATERIALS
8. STACK DATA				
height	AREA SOURCE	t .		
exit diameter		t		
exit velocity		pm		
exit gas volume		acfm		
exit gas temperature _		5		
A METHOD TO CONTROL	FUCITIVE EMISSIONS			
9. METHOD TO CONTROL	FUGITIVE EMISSIONS	>		
NA				

1.	UNIQUE REFERENCE NUMBER (assigned by applicant) AREA SOURCE	2. TYPE OF MATERIAL HANDLED OR EMITTED 75-09-2 Meth Chlor	3. PROCESS NAME/ DESCRIPTION (use separate sheets if necessary) FIBERGLASS	4. AMOUNT HANDLED OR PROCESSED (lb/hr) (Tons/yr) .034 .117
5.	THROUGHPUT PER QU OF ANNUAL	JARTER AS PERCENTAGE	10. POLLUTION CONTROL	L EQUIPMENT NA
	lanuary March	25	type manufacturer	
	January – March April – June	25	cost	·
	July - September	25		·
	October – December	25	% officiency	
6.	OPERATING SCHEDUL	E	MANUFACTURER GUAR	ANTEED yes no
	Hours per day	24	for wet scrubbers:	
I	Days per week	5.5	water flow	gpm
L	Weeks per year	52	pressure drop	inches of water
7.	ESTIMATED EMISSION	S	for baghouse: air/cloth ratio	·
	.034	_lbs/hr		
	.117	_Tons/yr	11. METHOD OF DISPOSA	L OF WASTE MATERIALS
8.	STACK DATA			
	_	AREA SOURCE ft		
	exit diameter	ft		
	exit velocity	fpm		· · · · · · · · · · · · · · · · · · ·
	exit gas volume	acfm		-
	exit gas temperature _	•		
9.	METHOD TO CONTROL	. FUGITIVE EMISSIONS		
	NA	·		
	·			
1				

25% 75%	UNIQUE REFERENCE NUMBER (assigned by applicant) AREA SOURCE POINT SOURCE	2. TYPE OF MATERIAL HANDLED OR EMITTED 78-93-3 MEK	3. PROCESS NAME/ DESCRIPTION (use separate sheets if necessary) FIBERGLASS	4. AMOUNT OR PROC (lb/hr) .082	(Tons/yr) APPROX .28
i	THROUGHPUT PER QU OF ANNUAL	JARTER AS PERCENTAGE	10. POLLUTION CONTROL type NA	EQUIPMENT	
1	January - March	25			
	April - June	25	cost		
	July - September	25	model number		_
	October - December	25	% efficiency		
6. (OPERATING SCHEDUL	E	MANUFACTURER GUAR	ANTEED	yes no
	Hours per day	VARIES	for wet scrubbers:		
	Days per week	VARIES	water flow	gpm	•
	Weeks per year	VARIES	pressure drop		hes of water
7. E	ESTIMATED EMISSIONS	S .	for baghouse: air/cloth ratio		
	.082	lbs/hr			
	APPROX. 28	Tons/yr	11. METHOD OF DISPOSA	L OF WASTE	MATERIALS
8. 5	STACK DATA				
	height	AREA SOURCE ft			
	exit diameter	ft			
	exit velocity	fpm			
	exit gas volume	acfm			
	exit gas temperature	F			
9. N	METHOD TO CONTROL	FUGITIVE EMISSIONS	1	· · · · · · · · · · · · · · · · · · ·	
	NA				



1.	UNIQUE REFERENCE NUMBER (assigned by applicant)	2. TYPE OF MATERIAL HANDLED OR EMITTED	3. PROCESS NAME/ DESCRIPTION (use separate sheets if	4. AMOUNT HANDLED OR PROCESSED	
	AREA SOURCE	123-42-2	necessary)	(lb/hr) (Tons/yr)	
	AREA SOURCE	Dia Alcohol	FIBERGLASS	.006 .02	
5.	THROUGHPUT PER OL	JARTER AS PERCENTAGE	10. POLLUTION CONTROL	L EQUIPMENT	\dashv
	OF ANNUAL				
			type NA		
	January - March	25	manufacturer		
	April – June	25	cost		
	July - September	25	model number		
	October - December	25	% efficiency		
6.	OPERATING SCHEDUL	E	MANUFACTURER GUAR	RANTEED yes no	
	Hours per day	24	for wet scrubbers:		
l .	Days per week	5.5	water flow	apm ·	
1	Weeks per year	52		inches of water	,
7.	ESTIMATED EMISSION	S	for baghouse:		
			air/cloth ratio		
	.006	lbs/hr			
	.02	Tons/yr	11. METHOD OF DISPOSA	AL OF WASTE MATERIALS	
8.	STACK DATA				
	height	AREA SOURCE ft			
	exit diameter	ft			
	exit velocity	fpm			
	exit gas volume	acfri		· .	
	exit gas temperature	F			
a	METHOD TO CONTROL	FLIGITIVE EMISSIONS			
J .	merros ro control				
	NA				



UNIQUE REFERENCE NUMBER (assigned by applicant)	2. TYPE OF MATERIAL HANDLED OR EMITTED	3. PROCESS NAME/ DESCRIPTION (use separate sheets if	4. AMOUNT OR PROC	HANDLED ESSED
AREA SOURCE	94-36-0	necessary)	(lb/hr)	(Tons/yr)
	Benz Perox	FIBERGLASS	1.89	6.47
5. THROUGHPUT PER QU	ARTER AS PERCENTAGE	10. POLLUTION CONTROL	EQUIPMENT	
OF ANNUAL				
January - March	25	type NA	<u> </u>	-
April - June	25	manufacturer		
July - September	<u>25</u> 25	cost		
October - December	25	model number % efficiency		
	11111	70 efficiency		
6. OPERATING SCHEDULE		MANUFACTURER GUAR	ANTEED	yes no
Hours per day	24	for wet scrubbers:		
Days per week	5.5	water flow	aom	•
Weeks per year	52	pressure drop		has of water
_	· · · · · · · · · · · · · · · · · · ·			nes of water
7. ESTIMATED EMISSIONS		for baghouse:		
·		air/cloth ratio		
	lbs/hr			
6.47	Tons/yr	11. METHOD OF DISPOSA	L OF WASTE	MATERIALS
8. STACK DATA				
height	ADEA COUDGE 6			
exit diameter	AREA SOURCE ft	-		
exit velocity	fpm			7.4.4.4.4.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.
exit gas volume	acfm			
exit gas temperature	F			
9. METHOD TO CONTROL F	UGITIVE EMISSIONS			
NA				
•				

UNIQUE REFERENCE NUMBER (assigned by applicant)	2. TYPE OF MATERIAL HANDLED OR EMITTED	3. PROCESS NAME/ DESCRIPTION (use separate sheets if	4. AMOUNT HANDLED OR PROCESSED	
AREA SOURCE	1338-23-4	necessary)	(lb/hr) (Tons/yr)
	MEKP	FIBERGLASS	.048 .166	
i	JARTER AS PERCENTAGE	10. POLLUTION CONTROL	EQUIPMENT	
OF ANNUAL		.		
January - March	25	type NA manufacturer		
April – June	25	cost	·	
July - September	25	model number		
October - December	25	% efficiency		
6. OPERATING SCHEDUL	E	MANUFACTURER GUAR	ANTEED yes	_ no
Hours per day	24	for wet scrubbers:		
Days per week	5.5	water flow	apm	
► Weeks per year	52		inches of water	
	·			
7. ESTIMATED EMISSION	S	for baghouse: air/cloth ratio		
.048	lbs/hr			
.166	Tons/yr	11. METHOD OF DISPOSA	L OF WASTE MATERIALS	3
8. STACK DATA				_
height	AREA SOURCE #			-
exit diameter	ft			
exit velocity	fpm			
exit gas volume	acfm			_
exit gas temperature	F			_
9. METHOD TO CONTROL	FUGITIVE EMISSIONS	<u> </u>		
NA				-
				_
				_
				_

UNIQUE REFERENCE NUMBER (assigned by applicant)	2. TYPE OF MATERIAL HANDLED OR EMITTED	3. PROCESS NAME/ DESCRIPTION (use separate sheets if	4. AMOUNT H	
AREA SOURCE	131-11-3	necessary)	(lb/hr)	(Tons/yr)
TACLA BOOKOL	DiMeth Pha	FIBERGLASS	.048	.166
5. THROUGHPUT PER QUA	ARTER AS PERCENTAGE	10. POLLUTION CONTROL	EQUIPMENT	
OF ANNUAL				
	25		NA	- ,
January - March	25 25		-	_
April – June		cost		-
July - September	<u>25</u> 25			-
October - December		% efficiency		-
6. OPERATING SCHEDULE		MANUFACTURER GUAR	ANTEED	yesno
Hours per day	24	for wet scrubbers:		
Days per week	5.5	water flow	anm	
Weeks per year	52	pressure drop		es of water
		p. 5555. 5 5 5 <u>—</u>		
7. ESTIMATED EMISSIONS		for baghouse:		
		air/cloth ratio		
	lbs/hr			
.100	Tons/yr	11. METHOD OF DISPOSA	L OF WASTE M	ATERIALS
8. STACK DATA	···			
height	AREA SOURCE ft			<u></u>
exit diameter	ft			
exit velocity	fpm			
exit gas volume	acfm			· · · · · · · · · · · · · · · · · · ·
exit gas temperature	F			
9. METHOD TO CONTROL I	FUGITIVE EMISSIONS			
NA				
	· .			· · · · · · · · · · · · · · · · · · ·
	•	•		



UNIQUE REFERENCE NUMBER (assigned by applicant)	2. TYPE OF MATERIAL HANDLED OR EMITTED	3. PROCESS NAME/ DESCRIPTION (use separate sheets if	4. AMOUNT HANDLED OR PROCESSED	
		necessary)	(lb/hr)	(Tons/yr)
AREA SOURCE	STYRENE	FIBERGLASS	117.61	403.7
5. THROUGHPUT PER QU	ARTER AS PERCENTAGE	10. POLLUTION CONTROL	EQUIPMENT	
OF ANNUAL				
		type NA		•
January - March	<u>25</u> 25			
April – June				•
July - September	25 25			
October - December	2.7	% efficiency		•
6. OPERATING SCHEDULE		MANUFACTURER GUAR	ANTEED	yes no
Hours per day	24	for wet scrubbers:		
Days per week	5.5	water flow	gpm	
Weeks per year	52	pressure drop		s of water
7. ESTIMATED EMISSIONS		for baghouse: air/cloth ratio		
7.95	lbs/hr			, i
27.28	Tons/yr	11. METHOD OF DISPOSA	L OF WASTE MA	ATERIALS
8. STACK DATA				
height	AREA SOURCE #			
exit diameter	ft			
exit velocity	fpm			
exit gas volume	acfm			
exit gas temperature	F			
9. METHOD TO CONTROL	FUGITIVE EMISSIONS			
MA			• .	
NA				
			,	
/				

N	NIQUE REFERENCE UMBER (assigned applicant)	2. TYPE OF MATER HANDLED OR EMITTED	RIAL	3. PROCESS NAME/ DESCRIPTION (us separate sheets if	se	4. AMOUNT OR PROC	
"				necessary)		(lb/hr)	(Tons/yr)
1	AREA SOURCE	67-64-1					
		Acetone		FIBERGLASS		5.975	20.5
	HROUGHPUT PER QL	JARTER AS PERCENT	TAGE	10. POLLUTION CO	NTROL	EQUIPMENT	•
01	F ANNUAL						
				type	NA		
	January - March	25	-	manufacturer		<u></u>	
	April – June	25	-	cost		<u> </u>	_
	July - September	25	•	model number			
	October - December	25	-	% efficiency			 .
6. 01	PERATING SCHEDUL	E		MANUFACTURER	GUAR	ANTEED	yes no
	Hours per day	24		for wet scrubber	·e•		
2	Days per week	5.5		water flow		anm	
_	Weeks per year	52				yp''' inc	has of water
.	Treeks per year			pressure u	10p	IIIQ	iles of water
7. ES	STIMATED EMISSIONS	3		for baghouse:			
				air/cloth ra	tio		
-	5.975	_lbs/hr					
-	20.5	_Tons/yr		11. METHOD OF DIS	SPOSA	L OF WASTE	MATERIALS
8. ST	ACK DATA		<u> </u>				
	height	AREA SOURCE	ft		i		
1	exit diameter		ft				· · · · · · · · · · · · · · · · · · ·
	exit velocity		fpm	`			· · · · · · · · · · · · · · · · · · ·
1	exit gas volume	· · · · · · · · · · · · · · · · · · ·	acfm				······································
1 .	exit gas temperature		F				
	<u> </u>		•				
9. ME	THOD TO CONTROL	FUGITIVE EMISSION	IS				
_	NA						
				•			

UNIQUE REFERENCE NUMBER (assigned by applicant)	2. TYPE OF MATERIAL HANDLED OR EMITTED	3. PROCESS NAME/ DESCRIPTION (use separate sheets if	4. AMOUNT HANDLED OR PROCESSED	
AREAS SOURCE	108-88-3	necessary)	(lb/hr) (Tons/yr)	
AKEAD DOOROD	Tolvene	FIBERGLASS	.038 .13	
5. THROUGHPUT PER QU	ARTER AS PERCENTAGE	10. POLLUTION CONTROL	EQUIPMENT	
OF ANNUAL		type NA		
January - March	25	(),00		
April – June	25	cost		
July - September	25	model number		
October - December	25	% efficiency		
6. OPERATING SCHEDULE		MANUFACTURER GUAR	ANTEED yes	no
Hours per day	24	for wet scrubbers:		
Days per week	24 5.5	water flow	gpm	
Weeks per year	52	pressure drop	inches of water	
7. ESTIMATED EMISSIONS	3	for baghouse: air/cloth ratio		
.038	lbs/hr			
.13	Tons/yr	11. METHOD OF DISPOSA	L OF WASTE MATERIALS	
8. STACK DATA		<u> </u>		-
height	AREA SOURCE ft			-
exit diameter	ft	***************************************		_
exit velocity	fpm			-
exit gas volume	acfm F			-
exit gas temperature				-
9. METHOD TO CONTROL	FUGITIVE EMISSIONS			,
NT A				
<u>NA</u>				-
				_
				_
				_

UNIQUE REFERENCE NUMBER (assigned by applicant)	2. TYPE OF MATERIA HANDLED OR EMITTED	AL	3. PROCESS NAME/ DESCRIPTION (use separate sheets if	4. AMOUNT OR PROC	
AREA SOURCE	8006-64-2		necessary)	(lb/hr)	(Tons/yr)
MAIN SOURCE	Turpentine		FIBERGLASS	.002	.008
5. THROUGHPUT PER QU	ARTER AS PERCENTA	GE	10. POLLUTION CONTRO	L EQUIPMENT	·
OF ANNUAL		1		NΤΔ	
January - March	25			NA	
April - June	25	1	cost		
July - September	25				
October - December	25		% efficiency	_	
					
6. OPERATING SCHEDULI	=		MANUFACTURER GUAF	RANTEED	yes no
Hours per day	24	Ì	for wet scrubbers:		
Days per week	5.5		water flow	gpm	
Weeks per year _	52		pressure drop	inc	ches of water
7. ESTIMATED EMISSIONS	3		for baghouse: air/cloth ratio		
002	lbs/hr		anroloth latto		
.002	Tons/yr	ŀ	11. METHOD OF DISPOSA	L OF WASTE	MATERIALS
.000	•	Ì			
8. STACK DATA					
height	AREA SOURCE	t		· ·	
exit diameter	ft	t			
exit velocity		pm			
exit gas volume		cfm			
exit gas temperature _	F	•			
9. METHOD TO CONTROL	FUGITIVE EMISSIONS	i			
NA					
			The second secon		
			. :		

PLICATION TO CONSTRUCT AN AIR POLLUTION EMITTING FACILITY

UNIQUE REFERENCE NUMBER (assigned by applicant)	2. TYPE OF MATER HANDLED OR EMITTED	IAL	3. PROCESS NAME/ DESCRIPTION (use separate sheets if	4. AMOUNT HANDLED OR PROCESSED	
by applicant,			necessary)	(lb/hr)	(Tons/yr)
POINT SOURCE	109-99-9			·	
	THF		FIBERGLASS	.059	
5. THROUGHPUT PER QU	ARTER AS PERCENT	AGE	10. POLLUTION CONTROL	. EQUIPMEI	NT
OF ANNUAL					
			type	NA	
January - March	25 25		manufacturer		
April – June			cost		
July - September	25 25				
October - December	25		% efficiency		
6. OPERATING SCHEDULI	E		MANUFACTURER GUAR	ANTEED _	yes no
Hours per day	16		for wet scrubbers:		
Days per week	5.5		water flow	apm	
Weeks per year	52		pressure drop		nches of water
L					
7. ESTIMATED EMISSIONS			for baghouse:		
		٠	air/cloth ratio	 	
.059	lbs/hr	•			
.13	Tons/yr		11. METHOD OF DISPOSA	L OF WAST	E MATERIALS
8. STACK DATA		•		· · · · · · · · · · · · · · · · · · ·	
height		ft			
exit diameter		ft			
exit velocity		fpm			
exit gas volume		acfm			
exit gas temperature		F			
A METHOD TO CONTROL	FUCITIVE EMISSION				
9. METHOD TO CONTROL	FUGITIVE EMISSION	3			
NA					
					<u> </u>
					·
					



POINT SOURCE 108-94-1	(Tons/yr)
POINT SOURCE 108-94-1	• • •
Cyclo FIBERGLASS .008	.02
5. THROUGHPUT PER QUARTER AS PERCENTAGE 10. POLLUTION CONTROL EQUIPMENT	
OF ANNUAL	• •
type ··· NA ··· NA	
January - March 25 manufacturer	
April – June 25 cost	
July - September 25 model number	
October – December 25 % efficiency	
6. OPERATING SCHEDULE MANUFACTURER GUARANTEED	yes no
Hours per day 16 for wet scrubbers:	-
Days per week 5.5 water flowgpm	• • · · · · ·
Weeks per year 52 pressure dropind	ches of water
7. ESTIMATED EMISSIONS for baghouse:	
air/cloth ratio	
Tons/yr 11. METHOD OF DISPOSAL OF WASTE	MATERIALS
8. STACK DATA	
heightft	
exit diameterftft	
exit velocityfpm	
exit gas volumeacfm	
exit gas temperatureF	·
9. METHOD TO CONTROL FUGITIVE EMISSIONS	
NA	
	·

SECTION 8: MATERIAL TRANSPORT AND HANDLING

Describe the raw material and product transport and storage. Description should include transport equipment and a sketch of the site layout.

Material conveyed					
Number of belts Amount conveyed		Tons/yr	at	% moistu	ra
Amount conveyed Number of transfer points	Tons/yr at			70 IIIOIS(U	
Conveyors are:	open	enc	 closed	in a buildi	na
Transfer points are:	open open		losed	in a buildi	_
- Tanoro ponito aro.					···· J
JMATIC CONVEYORS NA	1				
Material conveyed					
Amount conveyed		Tons/yr	at	% moistu	
Primary separator:	type			efficiency	
Secondary separator:	type			efficiency	
RAGE NA					
Open piles	ř				
Annual throughput		<u> </u>		Tons/yr	
Capacity				Tons	
Characteristic size	(length by width by hei				
How loaded				at	Tons/hr
How withdrawn				at	Tons/hr
Silos					
Size					
How loaded				at	Tons/hr
How withdrawn				at	Tons/hr
RIAL TRANSPORT					
To plant					
Method of transport	BULK	RESIN - S	EMI TANKE	R, GEL COAT	- SEMI TRUCK
Amount transported	NA				Tons/yr
From site			·		
Method of transport		SHED PRODU	CT - TRUC	K	
Amount transported	NA				Tons/yr